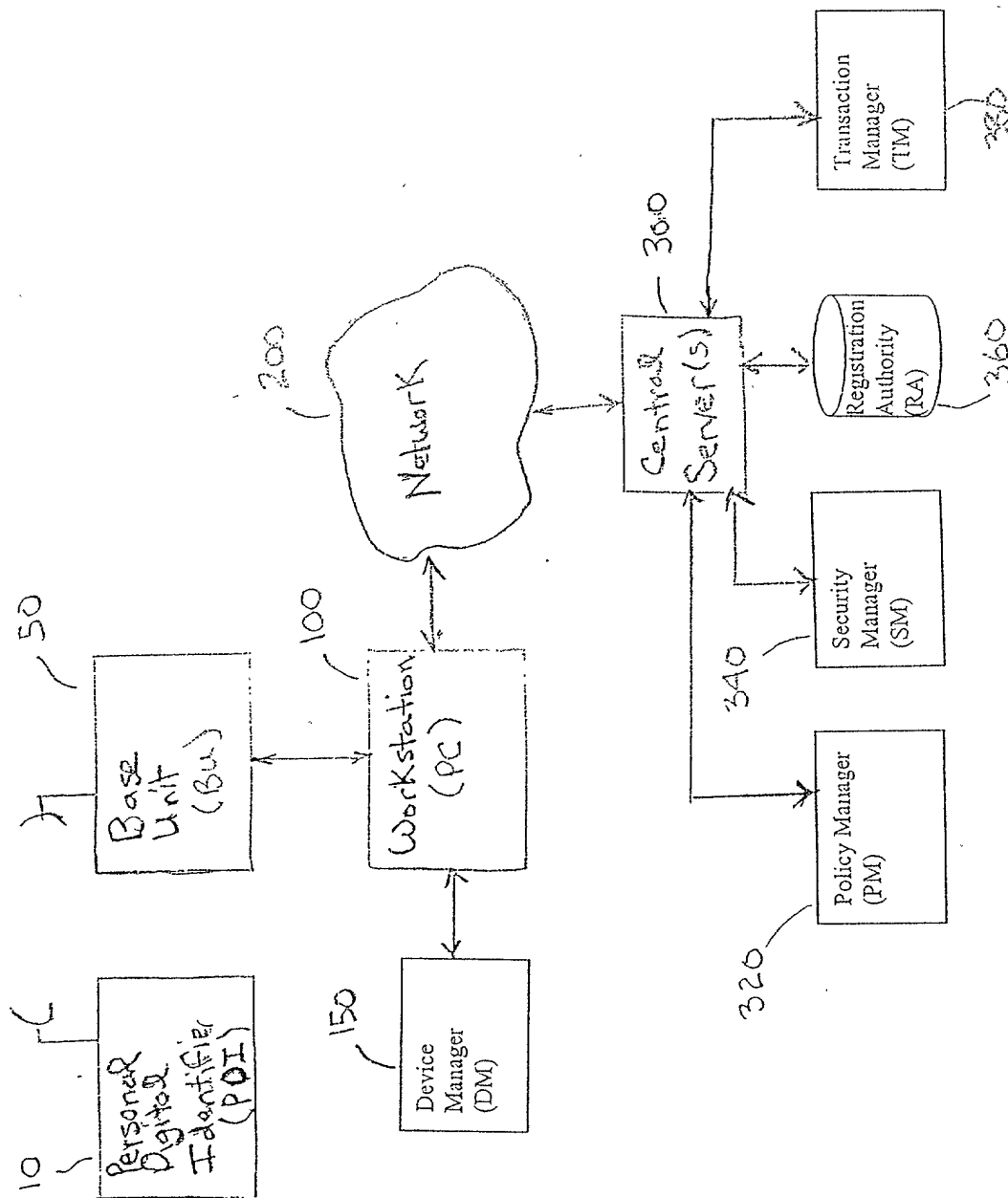


Figure 1



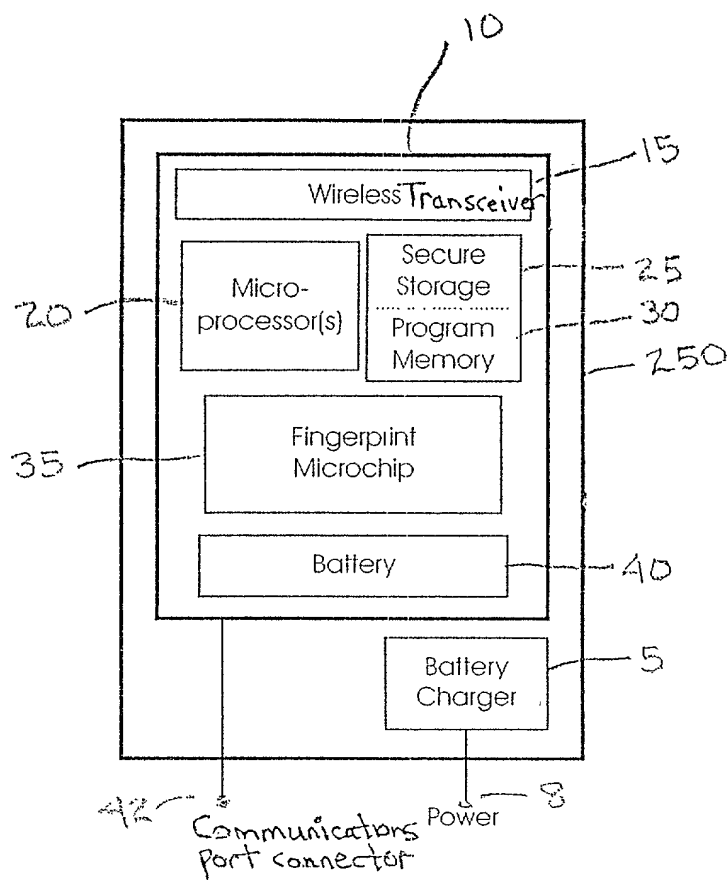


Figure 2

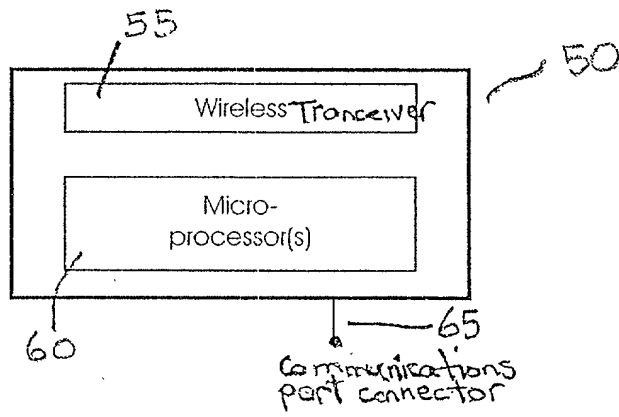


Figure 3

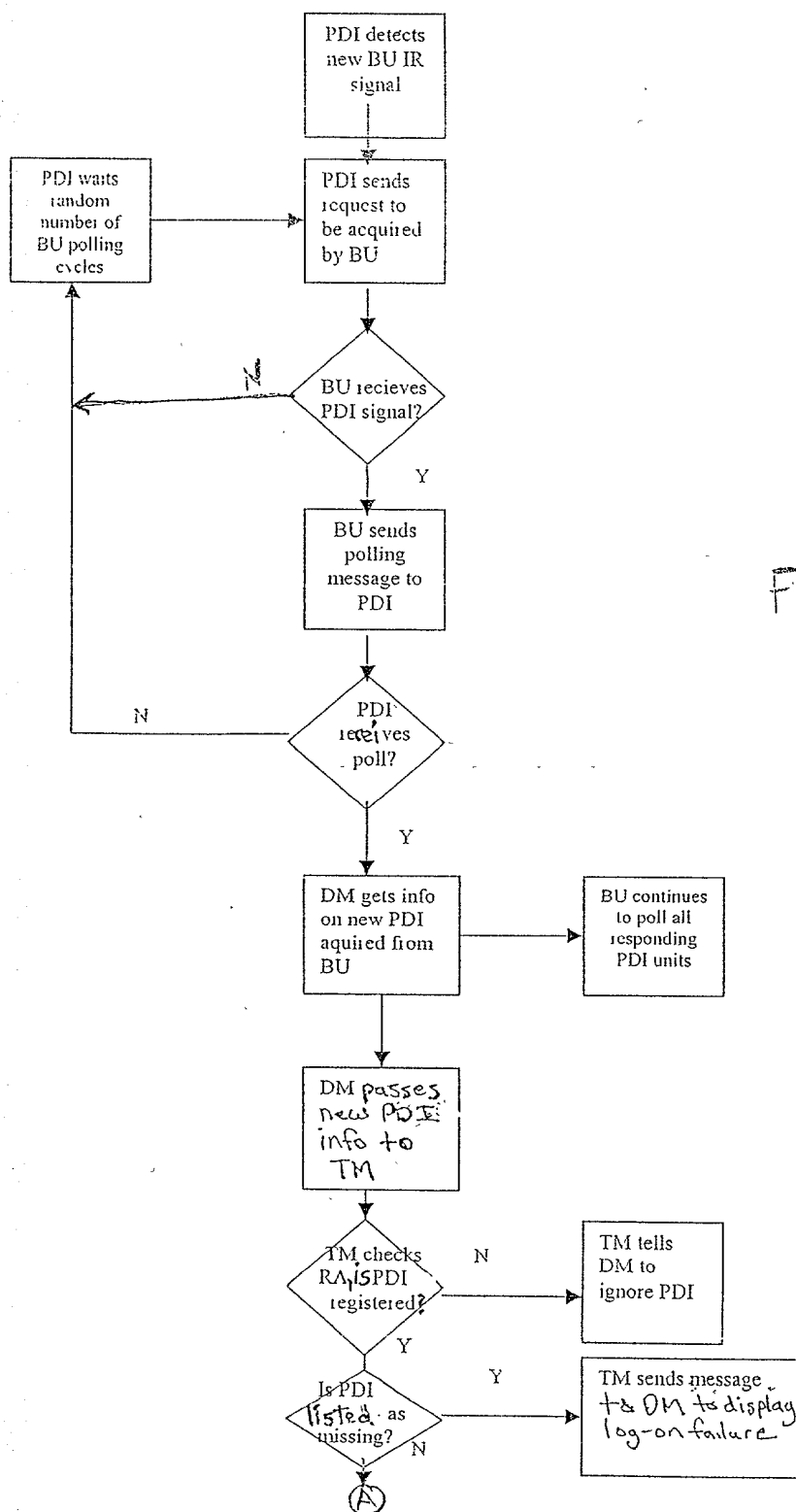


Figure 4(a)

0975205 041101

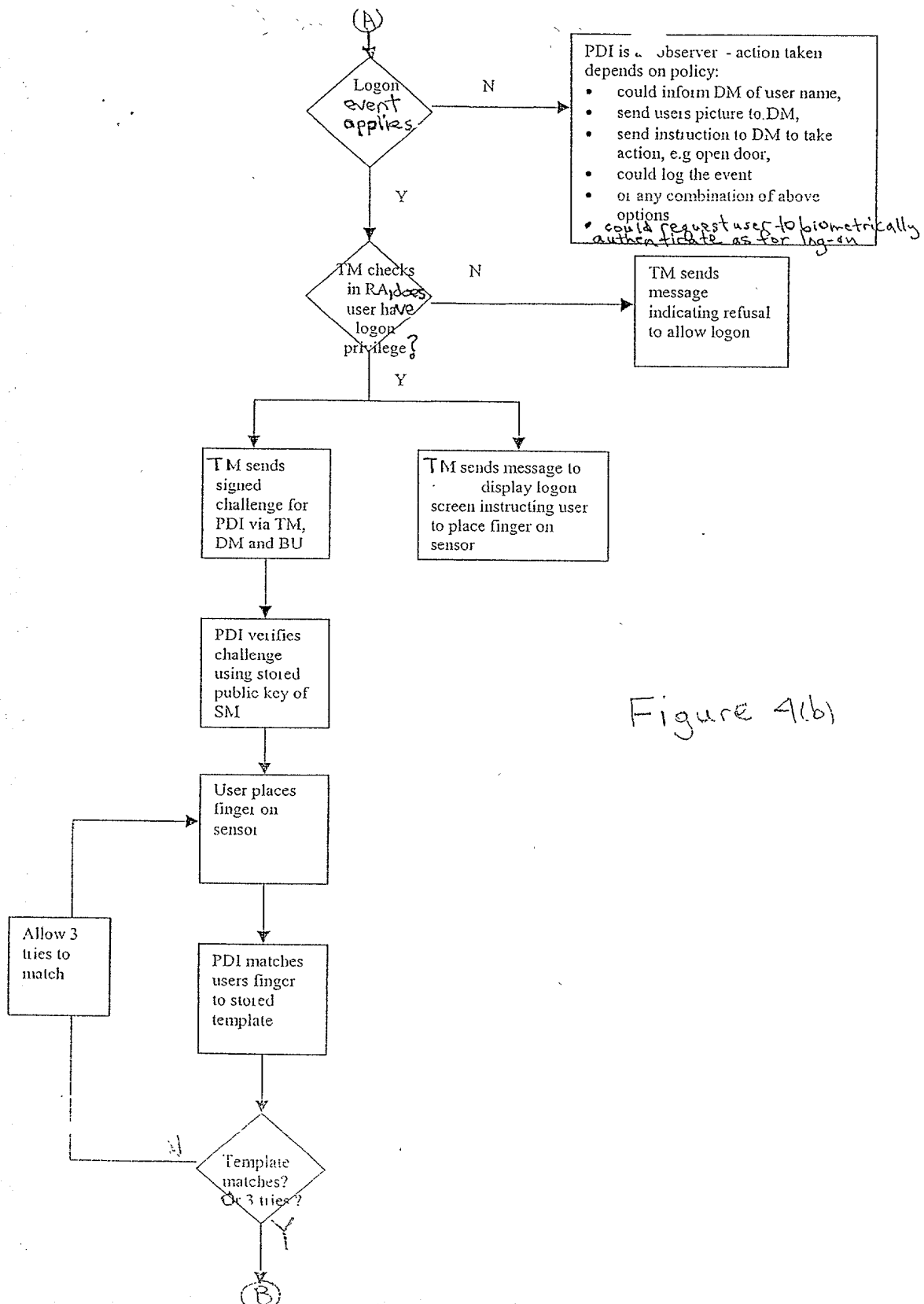


Figure 4(b)

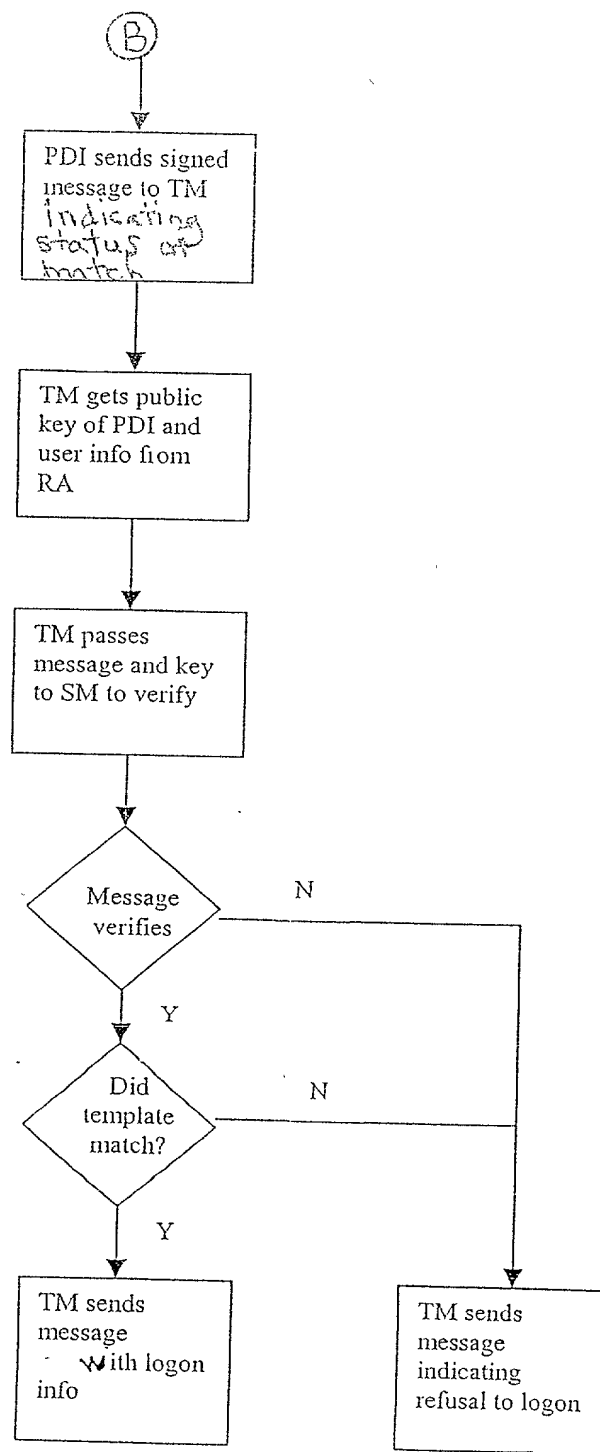


Figure 4(c)

Application needs document/transaction to be digitally signed

Application sends document to SM

SM creates message
digest, signs
it and sends it to the
DM

DM forwards
message digest and
SM signature to PDI

PDI verifies that
message comes from
known SM

Message
verifies

PDI responds to
SM indicating
failure to verify

PDI compares
fingerprint with
stored template

User places finger
on sensor. Up to 3
tries.

Fingerprint
verifies or 3
tries?

C

Figure 5(a)

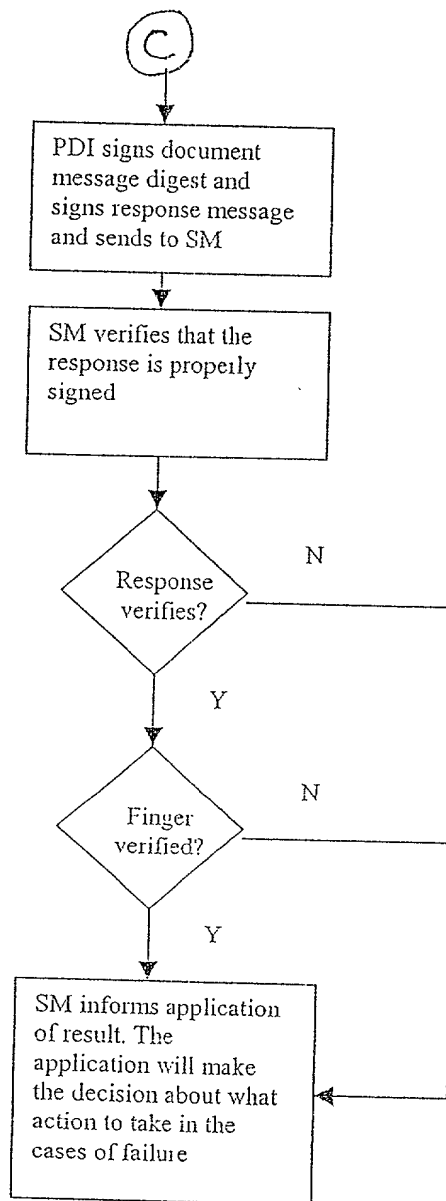


Figure 5(b)